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Attorney Docket No. 55492-20093.00

FUMED SILICA EMBOLIC COMPOSITIONS

Cross-Reference to Related Applications

[0001] This application claims the benefit under 35 USC §119(e) of United States Provisional Application Serial No. 60/450,289, filed February 26, 2003; No. 60/461,177, filed April 7, 2003; No. 60/451,310, filed February 27, 2003; 60/461,290, filed April 7, 2003; No. 60/450,626, filed February 26, 2003; No. 60/461,289, filed April 7, 2003; No. 60/450,288, filed February 26, 2003; No. 60/451,228, filed February 27, 2003; No. 60/461,288, filed April 7, 2003; No. 60/461,283, filed April 7, 2003 which are hereby incorporated by reference in their entirety.

Field of the Invention

[0002] This invention is directed to fumed silica embolic compositions suitable for use in embolizing vascular sites in the treatment of aneurysms, arteriovenous fistulae, arteriovenous malformations, tumors, and other vascular diseases. They also find use in tissue augmentation settings. This invention is also directed to kits of parts comprising fumed silica comprising embolic compositions suitable for use in embolizing vascular sites in the treatment of aneurysms, arteriovenous fistulae, arteriovenous malformations, tumors, and other vascular diseases. In addition, devices for delivering these compositions to vascular sites are provided.

References

[0003] The following literature and patent publications are cited in this application as superscript numbers.

- 1 Greff, et al., U.S. Patent No. 5,851,508, "Compositions for Use in Embolizing Blood Vessels" issued December 22, 1998.
- 2 Whalen II, *et al.*, U.S. Patent No. 6,645,167, "Methods for Embolizing Vascular Sites with an Embolic Composition" issued November 11, 2003.
- 3 Whalen, II, *et al.*, U.S. Patent No. 6,531,111, "High Viscosity Embolizing Compositions" issued March 11, 2003.